

Clinica Chimica Acta, Vol. 187

Author index

- Abraham, A.S., see Weissberg, N. (187) 281
Aguzzi, F., see Bullock, D.G. (187) 21
Arata, J., see Ohhashi, T. (187) 1
Arnaud, J., see Lebranchu, Y. (187) 193
Atkinson, T., see Morris, H.C. (187) 95
Aumüller, G., see Von der Kammer, H. (187) 207
- Balk, M., see Yücel, D. (187) 333
Bardos, P., see Lebranchu, Y. (187) 193
Barlow, R.D., see Thompson, S.G. (187) 289
Bauer, H., Lametschwandtnr, A., Steiner, M. and Bauer, H.C.
Influence of angiotensin converting enzyme inhibitor (captopril) on kidney epithelial cells in vitro: studies on potassium ^{86}Rb influx and cellular proliferation (187) 47
Bauer, H.C., see Bauer, H. (187) 47
Behrens, R.H., see Northrop, C.A. (187) 79
Bienvenu, J., see Bullock, D.G. (187) 21
Braun, S.L., see Reiter, S. (187) 221
Brooks, B.A., see Weissberg, N. (187) 281
Bullock, D.G., Dumont, G., Vassault, A., Aguzzi, F., Chambers, R.E., Milford Ward, A., Whicher, J.T. and Bienvenu, J.
Immunochemical assays of serum proteins: a European external quality assessment survey and the effects of calibration procedures on interlaboratory agreement (187) 21
Buyse, A.M., Delanghe, J.R., De Buyzere, M.L., De Scheerder, I.K., De Mol, A.M. and Noens, L.
Enzymatic erythrocyte creatine determinations as an index for cell age (187) 155
- Campbell, R.S., see Morris, H.C. (187) 95
Carney, D.N., see McGing, P.G. (187) 309
Chadefaux, B., see Coude, M. (187) 329
Chalmers, R.A., see De Sousa, C. (187) 317
Chambers, R.E., see Bullock, D.G. (187) 21
Copolov, D.L., see Dean, B. (187) 37
Coude, M., Chadefaux, B., Rabier, D. and Kamoun, P.
Early amniocentesis and amniotic fluid organic acid levels in the prenatal diagnosis of organic acidemias (187) 329
- Dean, B., Kulkarni, J. and Copolov, D.L.
Validation of a method to measure the uptake of [^3H]dopamine by human platelets (187) 37
- De Buyzere, M.L., see Buyse, A.M. (187) 155
De Buyzere, M.L., see Delanghe, J.R. (187) 115
Delanghe, J.R., De Buyzere, M.L., De Scheerder, I.K., Van Rostenberghe, H.L., Faust, U., Rodenbach, J.M., Kruse-Jarres, J.D. and Wieme, R.J.
Post-transcriptional modification of serum creatine kinase in infected intensive care patients (187) 115
Delanghe, J.R., see Buyse, A.M. (187) 155
De Mol, A.M., see Buyse, A.M. (187) 155
De Scheerder, I.K., see Buyse, A.M. (187) 155
De Scheerder, I.K., see Delanghe, J.R. (187) 115
De Sousa, C., English, N.R., Stacey, T.E. and Chalmers, R.A.
Measurement of L-carnitine and acylcarnitines in body fluids and tissues in children and in adults (187) 317
Dorland, L., see Van Pelt, J. (187) 55
Dumont, G., see Bullock, D.G. (187) 21
Duran, M., see Van Pelt, J. (187) 55
- English, N.R., see De Sousa, C. (187) 317
Eylath, U., see Weissberg, N. (187) 281
- Farquharson, J., Jamieson, E.C., MacPhee, G.B. and Logan, R.W.
A new sensitive microassay for the measurement of erythrocyte glycogen (187) 89
Faust, U., see Delanghe, J.R. (187) 115
Favier, A., see Lebranchu, Y. (187) 193
Foglietti, M.-J., see Succari, M. (187) 235
Fuchs, D., Jaeger, H., Popescu, M., Reibnegger, G., Werner, E.R., Kaboth, W. and Wachter, H.
Comparison of serum and urine neopterin

- concentrations in patients with HIV-1 infection (187) 125
- Galjaard, H., see Van Diggelen, O.P. (187) 131
- Gattegno, L., see Vaysse, J. (187) 273
- Gibson, A., see Mantle, D. (187) 105
- Goldberg, A., see Herrick, A.L. (187) 141
- Gwozdz, G.P., Steinberg, W.M., Werner, M., Henry, J.P. and Pauley, C.
Comparative evaluation of the diagnosis of acute pancreatitis based on serum and urine enzyme assays (187) 243
- Hammond, P.M., see Morris, H.C. (187) 95
- Hayashi, K., see Ohta, M. (187) 255
- Henry, J.P., see Gwozdz, G.P. (187) 243
- Herrick, A.L., McColl, K.E.L., Wallace, A.M., Moore, M.R. and Goldberg, A.
Elevation of hormone-binding globulins in acute intermittent porphyria (187) 141
- Hokke, C.H., see Van Pelt, J. (187) 55
- Itoh, N., see Ohta, M. (187) 255
- Jaeger, H., see Fuchs, D. (187) 125
- Jamieson, E.C., see Farquharson, J. (187) 89
- Janse, H.C., see Van Diggelen, O.P. (187) 131
- Jung, K., Nickel, E. and Pergande, M.
A microalbuminuria assay using bromphenol blue (187) 163
- Kaboth, W., see Fuchs, D. (187) 125
- Kamerling, J.P., see Van Diggelen, O.P. (187) 131
- Kamerling, J.P., see Van Pelt, J. (187) 55
- Kamoun, P., see Coude, M. (187) 329
- Kantaroglu, N., see Yücel, D. (187) 333
- Karcher, D., see Vermuyten, K. (187) 69
- Kato, K., see Kurobe, N. (187) 11
- Kato, K., see Okajima, K. (187) 265
- Kawada, J., see Nishida, M. (187) 181
- Kleijer, W.J., see Van Diggelen, O.P. (187) 131
- Knedel, M., see Reiter, S. (187) 221
- Kodama, H., see Ohhashi, T. (187) 1
- Koyama, M., see Nishida, M. (187) 181
- Kraus, E., see Von der Kammer, H. (187) 207
- Kruse-Jarres, J.D., see Delanghe, J.R. (187) 115
- Kulkarni, J., see Dean, B. (187) 37
- Kurobe, M., see Ohta, M. (187) 255
- Kurobe, N., Suzuki, F., Okajima, K. and Kato, K.
Sensitive enzyme immunoassay for human Cu/Zn superoxide dismutase (187) 11
- Kurobe, N., see Okajima, K. (187) 265
- Kyne, F., see McGing, P.G. (187) 309
- Lametschwandtner, A., see Bauer, H. (187) 47
- Lauffart, B., see Mantle, D. (187) 105
- Lebranchu, Y., Malvy, D., Richard, M.J., Arnaud, J., Favier, A. and Bardos, P.
Kawasaki disease and oxidative metabolism (187) 193
- Logan, R.W., see Farquharson, J. (187) 89
- Lowenthal, A., see Vermuyten, K. (187) 69
- Lundblad, A., see Masson, P. (187) 199
- Lunn, P.G., see Northrop, C.A. (187) 79
- Luxton, R.W., McLean, B.N. and Thompson, E.J.
Isoelectric focusing versus quantitative measurements in the detection of intrathecal local synthesis of IgG (187) 297
- MacPhee, G.B., see Farquharson, J. (187) 89
- Malvy, D., see Lebranchu, Y. (187) 193
- Manolakou, K., see Rakitzis, E.T. (187) 189
- Mantle, D., Lauffart, B., McDermott, J. and Gibson, A.
Characterization of aminopeptidases in human kidney soluble fraction (187) 105
- Masson, P., Lundblad, A. and Wieslander, J.
Sialylacto-N-fucopentaose II (sialylated Le^a) coupled to human serum albumin used as standard in immunoassays of tumour associated antigens CA 19-9 and CA-50 in serum (187) 199
- McCann, A., see McGing, P.G. (187) 309
- McColl, K.E.L., see Herrick, A.L. (187) 141
- McDermott, J., see Mantle, D. (187) 105
- McGing, P.G., Teeling, M., McCann, A., Kyne, F. and Carney, D.N.
Non-M CK — a practical measure of creatine kinase isoenzymes in cancer patients (187) 309
- McLean, B.N., see Luxton, R.W. (187) 297
- Milford Ward, A., see Bullock, D.G. (187) 21
- Moore, M.R., see Herrick, A.L. (187) 141
- Morris, H.C., Overton, P.D., Ramsay, J.R., Campbell, R.S., Hammond, P.M., Atkinson, T. and Price, C.P.
Development and validation of an automated enzyme assay for paracetamol (acetaminophen) (187) 95
- Nickel, E., see Jung, K. (187) 163
- Nishida, M., Sakurai, H., Tezuka, U., Kawada, J., Koyama, M. and Takada, J.
Alterations in manganese and iodide contents in human thyroid tumors; a correlation be-

- tween the contents of essential trace elements and the states of malignancy (187) 181
- Nishitani, H., see Ohta, M. (187) 255
- Noens, L., see Buysse, A.M. (187) 155
- Northrop, C.A., Lunn, P.G. and Behrens, R.H.
Automated enzymatic assays for the determination of intestinal permeability probes in urine. 1. Lactulose and lactose (187) 79
- Ohhashi, T., Ohno, T., Arata, J., Sumichika, H. and Kodama, H.
Characterization of prolidase I and II from erythrocytes of a control, a patient with prolidase deficiency and her mother (187) 1
- Ohno, T., see Ohhashi, T. (187) 1
- Ohta, K., see Ohta, M. (187) 255
- Ohta, M., Ohta, K., Itoh, N., Kurobe, M., Hayashi, K. and Nishitani, H.
Anti-skeletal muscle antibodies in the sera from myasthenic patients with thymoma: identification of anti-myosin, actomyosin, actin, and α -actinin antibodies by a solid-phase radioimmunoassay and a Western blotting analysis (187) 255
- Okajima, K., Kurobe, N., Shimizu, K. and Kato, K.
Sensitive enzyme immunoassay for human aldolase A (187) 265
- Okajima, K., see Kurobe, N. (187) 11
- Overton, P.D., see Morris, H.C. (187) 95
- Papandreou, P., see Rakitzis, E.T. (187) 189
- Pauley, C., see Gwozdz, G.P. (187) 243
- Percheron, F., see Succari, M. (187) 235
- Pergande, M., see Jung, K. (187) 163
- Pilardieu, P., see Vaysse, J. (187) 273
- Poorthuis, B.J.H.M., see Van Diggelen, O.P. (187) 131
- Popescu, M., see Fuchs, D. (187) 125
- Price, C.P., see Morris, H.C. (187) 95
- Rabier, D., see Coude, M. (187) 329
- Rakitzis, E.T., Manolakou, K. and Papandreou, P.
Spectrophotometric evaluation of results of the ascorbate and the ascorbate-cyanide screening tests for glucose-6-phosphate dehydrogenase deficiency (187) 189
- Ramsay, J.R., see Morris, H.C. (187) 95
- Reibnegger, G., see Fuchs, D. (187) 125
- Reiter, S., Simmonds, H.A., Zöllner, N., Braun, S.L. and Knedel, M.
Demonstration of a combined deficiency of xanthine oxidase and aldehyde oxidase in xanthinuric patients not forming oxipurinol (187) 221
- Richard, M.J., see Lebranchu, Y. (187) 193
- Rodenbach, J.M., see Delanghe, J.R. (187) 115
- Šafařík, I.
Dye-stained gelatin microcarriers as insoluble chromolytic substrates for the determination of proteolytic activity (187) 149
- Sakurai, H., see Nishida, M. (187) 181
- Saydam, G.S., see Yücel, D. (187) 333
- Scheit, K.H., see Von der Kammer, H. (187) 207
- Schwartz, G., see Weissberg, N. (187) 281
- Shimazu, T., see Tanaka, H. (187) 173
- Shimizu, K., see Okajima, K. (187) 265
- Simmonds, H.A., see Reiter, S. (187) 221
- Stacey, T.E., see De Sousa, C. (187) 317
- Steinberg, W.M., see Gwozdz, G.P. (187) 243
- Steiner, M., see Bauer, H. (187) 47
- Succari, M., Foglietti, M.-J. and Percheron, F.
Microheterogeneity of α_1 -acid glycoprotein: variation during the menstrual cycle in healthy women, and profile in women receiving estrogen-progesterone treatment (187) 235
- Sugimoto, H., see Tanaka, H. (187) 173
- Sugimoto, T., see Tanaka, H. (187) 173
- Sumichika, H., see Ohhashi, T. (187) 1
- Suzuki, F., see Kurobe, N. (187) 11
- Takada, J., see Nishida, M. (187) 181
- Tanaka, H., Shimazu, T., Sugimoto, H., Yoshioka, T. and Sugimoto, T.
A sensitive and specific assay for granulocyte elastase in inflammatory tissue fluid using L-pyroglutamyl-L-prolyl-L-valine-p-nitroanilide (187) 173
- Teeling, M., see McGing, P.G. (187) 309
- Tezuka, U., see Nishida, M. (187) 181
- Thompson, E.J., see Luxton, R.W. (187) 297
- Thompson, S.G., Barlow, R.D., Wald, N.J. and Van Vunakis, H.
How should urinary cotinine concentrations be adjusted for urinary creatinine concentration? (187) 289
- Top, S., see Yücel, D. (187) 333
- Van Diggelen, O.P., Zhao, H., Kleijer, W.J., Janse, H.C., Poorthuis, B.J.H.M., Van Pelt, J., Kamerling, J.P. and Galjaard, H.
A fluorimetric enzyme assay for the diagnosis of Morquio disease type A (MPS IV A) (187) 131
- Van Pelt, J., Hokke, C.H., Dorland, L., Duran,

- M., Kamerling, J.P. and Vliegthart, J.F.G.
Accumulation of mannosyl- $\beta(1 \rightarrow 4)$ -N-acetylglucosamine in fibroblasts and leukocytes of patients with a deficiency of β -mannosidase (187) 55
- Van Pelt, J., see Van Diggelen, O.P. (187) 131
- Van Rostenberghe, H.L., see Delanghe, J.R. (187) 115
- Van Vunakis, H., see Thompson, S.G. (187) 289
- Vassault, A., see Bullock, D.G. (187) 21
- Vaysse, J., Pilardeau, P. and Gattegno, L.
Variations in serum alpha-L-fucosidase activity during childhood and pregnancy (187) 273
- Vermuyten, K., Lowenthal, A. and Karcher, D.
Detection of neuron specific enolase concentrations in cerebrospinal fluid from patients with neurological disorders by means of a sensitive enzyme immunoassay (187) 69
- Vliegthart, J.F.G., see Van Pelt, J. (187) 55
- Von der Kammer, H., Krauhs, E., Aumüller, G. and Scheit, K.H.
Characterization of a monoclonal antibody specific for prostatic secretory protein of 94 amino acids (PSP94) and development of a two-site binding enzyme immunoassay for PSP94 (187) 207
- Wachter, H., see Fuchs, D. (187) 125
- Wald, N.J., see Thompson, S.G. (187) 289
- Wallace, A.M., see Herrick, A.L. (187) 141
- Weissberg, N., Brooks, B.A., Schwartz, G., Eylath, U. and Abraham, A.S.
A routine method for the measurement of the sodium, potassium, magnesium and calcium content of human lymphocytes (187) 281
- Werner, E.R., see Fuchs, D. (187) 125
- Werner, M., see Gwozdz, G.P. (187) 243
- Whicher, J.T., see Bullock, D.G. (187) 21
- Wieme, R.J., see Delanghe, J.R. (187) 115
- Wieslander, J., see Masson, P. (187) 199
- Yoshioka, T., see Tanaka, H. (187) 173
- Yücel, D., Kantaroğlu, N., Saydam, G.S., Balk, M. and Top, S.
A carry-over study in three different instruments for the determination of serum glucose: the importance of Student's *t* test (187) 333
- Zhao, H., see Van Diggelen, O.P. (187) 131
- Zöllner, N., see Reiter, S. (187) 221

Clinica Chimica Acta, Vol. 187

Subject index

Acetaminophen

Paracetamol; Automated; Enzymatic (Morris, H.C. (187) 95)

Acetylcholine receptor antibody

Skeletal muscle antibody; *Myasthenia gravis*; Thymoma (Ohta, M. (187) 255)

α 1-Acid glycoprotein

Microheterogeneity; Affino-immuno-electrophoresis; Pregnant women; Estrogen-progestogen treatment (Succari, M. (187) 235)

Activation energy

Creatine kinase; Carboxypeptidase N; Bacteremia; Intensive care (Delanghe, J.R. (187) 115)

Acute pancreatitis

Amylase; Lipase; Trypsinogen; Elastase (Gwozdz, G.P. (187) 243)

Acylcarnitine

Carnitine; Urine; Blood; Liver; Muscle; Control data (De Sousa, C. (187) 317)

Affino-immuno-electrophoresis

α 1-Acid glycoprotein; Microheterogeneity; Pregnant women; Estrogen-progestogen treatment (Succari, M. (187) 235)

Aldehyde oxidase deficiency

Xanthine oxidase deficiency; Allopurinol metabolism; Nicotinamide metabolism; Sulfite oxidase (Reiter, S. (187) 221)

Aldolase

Isozyme; Immunoassay (Okajima, K. (187) 265)

Allopurinol metabolism

Xanthine oxidase deficiency; Aldehyde oxidase deficiency; Nicotinamide metabolism; Sulfite oxidase (Reiter, S. (187) 221)

Amino acid metabolism

Aminocentesis; Amniotic fluid; Prenatal diagnosis; Methyl malonic acid; Propionic acid; Inborn error (Coude, M. (187) 329)

Aminocentesis

Amniotic fluid; Prenatal diagnosis; Methyl malonic acid; Propionic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Aminopeptidase

Human kidney (Mantle, D. (187) 105)

Amniotic fluid

Aminocentesis; Prenatal diagnosis; Methyl malonic acid; Propionic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Amylase

Acute pancreatitis; Lipase; Trypsinogen; Elastase (Gwozdz, G.P. (187) 243)

Automated

Paracetamol; Acetaminophen; Enzymatic (Morris, H.C. (187) 95)

Automated enzyme assay

Intestinal permeability; Lactulose; Lactose (Northrop, C.A. (187) 79)

Bacteremia

Creatine kinase; Activation energy; Carboxypeptidase N; Intensive care (Delanghe, J.R. (187) 115)

Blood

Carnitine; Acylcarnitine; Urine; Liver; Muscle; Control data (De Sousa, C. (187) 317)

CA 19-9

Defined standard; Carbohydrate antigen; Immunoassay; Tumor antigen; CA-50 (Masson, P. (187) 199)

CA-50

Defined standard; Carbohydrate antigen; Immunoassay; Tumor antigen; CA 19-9 (Masson, P. (187) 199)

Calcium

Lymphocyte electrolytes; Sodium; Potassium; Magnesium (Weissberg, N. (187) 281)

Calibration

Immunochemical protein assay; External quality assessment; Interlaboratory agreement; Reference material (Bullock, D.G. (187) 21)

Captopril

Potassium (^{86}Rb)-influx; Cellular proliferation (Bauer, H. (187) 47)

Carbohydrate antigen

Defined standard; Immunoassay; Tumor antigen; CA 19-9; CA-50 (Masson, P. (187) 199)

Carboxypeptidase N

Creatine kinase; Activation energy; Bacteremia; Intensive care (Delanghe, J.R. (187) 115)

Carnitine

Acylcarnitine; Urine; Blood; Liver; Muscle; Control data (De Sousa, C. (187) 317)

Cellular proliferation

Captopril; Potassium (^{86}Rb)-influx (Bauer, H. (187) 47)

Cerebrospinal fluid

Neuron-specific enolase; Enzyme linked immunosorbent assay; Neurological disorder (Vermuyten, K. (187) 69)

Isoelectric focusing; IgG (Luxton, R.W. (187) 297)

Childhood

Serum; Fucosidase; Pregnancy (Vaysse, J. (187) 273)

Control data

Carnitine; Acylcarnitine; Urine; Blood; Liver; Muscle (De Sousa, C. (187) 317)

Cotinine

Creatinine adjustment; Urinary dilution (Thompson, S.G. (187) 289)

Creatine

Red blood cell; Reticulocyte (Buisse, A.M. (187) 155)

Creatine kinase

Activation energy; Carboxypeptidase N; Bacteremia; Intensive care (Delanghe, J.R. (187) 115)

Creatinine adjustment

Urinary dilution; Cotinine (Thompson, S.G. (187) 289)

Creatinine kinase

Non-M CK; Tumor marker; Lung cancer (McGing, P.G. (187) 309)

Defined standard

Carbohydrate antigen; Immunoassay; Tumor antigen; CA 19-9; CA-50 (Masson, P. (187) 199)

Determination of proteolytic activity

Gelatin microcarrier; Insoluble chromolytic substrate (Šafařík, I. (187) 149)

Dopamine uptake

Platelet (Dean, B. (187) 37)

Down syndrome

Superoxide dismutase; Immunoassay (Kurobe, N. (187) 11)

Dye binding method with bromphenol blue

Microalbuminuria; Reference interval; Interfering factor (Jung, K. (187) 163)

Elastase

Acute pancreatitis; Amylase; Lipase; Trypsinogen (Gwozdz, G.P. (187) 243)

Enzymatic

Paracetamol; Acetaminophen; Automated (Morris, H.C. (187) 95)

Enzyme linked immunosorbent assay

Neuron-specific enolase; Cerebrospinal fluid; Neurological disorder (Vermuyten, K. (187) 69)

Erythrocyte

Prolidase I; Prolidase II (Ohhashi, T. (187) 1)

Glycogen; Microassay (Farquharson, J. (187) 89)

Estrogen-progestogen treatment

al-Acid glycoprotein; Microheterogeneity; Af-

fino-immunoelectrophoresis; Pregnant women (Succari, M. (187) 235)

External quality assessment

Calibration; Immunochemical protein assay; Interlaboratory agreement; Reference material (Bullock, D.G. (187) 21)

Fibroblast

Human β -mannosidosis; Lysosomal storage disease; Oligosaccharide (Van Pelt, J. (187) 55)

Follicular fluid

Human prostatic secretory protein; Monoclonal antibody; Two-site binding enzyme immunoassay; Human serum; Seminal plasma (Von der Kammer, H. (187) 207)

Fucosidase

Serum; Childhood; Pregnancy (Vaysse, J. (187) 273)

Galactosamine-6-sulphate sulphotase

Galactose-6-sulphate sulphotase; Mucopolysaccharidosis IV A; Morquio disease type A (Van Diggelen, O.P. (187) 131)

Galactose-6-sulphate sulphotase

Galactosamine-6-sulphate sulphotase; Mucopolysaccharidosis IV A; Morquio disease type A (Van Diggelen, O.P. (187) 131)

Gelatin microcarrier

Insoluble chromolytic substrate; Determination of proteolytic activity (Šafárik, I. (187) 149)

Glycogen

Erythrocyte; Microassay (Farquharson, J. (187) 89)

Granulocyte elastase

L-pyroglyutamyl-L-prolyl-L-valine-p-nitroanilide; Inflammatory tissue fluid (Tanaka, H. (187) 173)

Haem

Sex hormone-binding globulin; Porphyria (Herrick, A.L. (187) 141)

HIV-1

Neopterin; Serum; Urine (Fuchs, D. (187) 125)

Human β -mannosidosis

Lysosomal storage disease; Oligosaccharide; Fibroblast (Van Pelt, J. (187) 55)

Human kidney

Aminopeptidase (Mantle, D. (187) 105)

Human prostatic secretory protein

Monoclonal antibody; Two-site binding enzyme immunoassay; Human serum; Follicular fluid; Seminal plasma (Von der Kammer, H. (187) 207)

Human serum

Human prostatic secretory protein; Monoclonal antibody; Two-site binding enzyme immunoassay; Follicular fluid; Seminal plasma (Von der Kammer, H. (187) 207)

Human thyroid

Manganese content; Iodide content; Thyroid cancer; Neutron activation analysis (Nishida, M. (187) 181)

IgG

Isoelectric focusing; Cerebrospinal fluid (Laxton, R.W. (187) 297)

Immunoassay

Superoxide dismutase; Down syndrome (Kurobe, N. (187) 11)

Defined standard; Carbohydrate antigen; Tumor antigen; CA 19-9; CA-50 (Masson, P. (187) 199)

Aldolase; Isozyme (Okajima, K. (187) 265)

Immunochemical protein assay

Calibration; External quality assessment; Interlaboratory agreement; Reference material (Bullock, D.G. (187) 21)

Inborn error

Aminocentesis; Amniotic fluid; Prenatal diagnosis; Methyl malonic acid; Propionic acid; Amino acid metabolism (Coude, M. (187) 329)

Inflammatory tissue fluid

L-pyroglyutamyl-L-prolyl-L-valine-p-nitroanilide; Granulocyte elastase (Tanaka, H. (187) 173)

Insoluble chromolytic substrate

Gelatin microcarrier; Determination of proteolytic activity (Šafárik, I. (187) 149)

Intensive care

Creatine kinase; Activation energy; Carboxypeptidase N; Bacteremia (Delanghe, J.R. (187) 115)

Interfering factor

Dye binding method with bromphenol blue; Microalbuminuria; Reference interval (Jung, K. (187) 163)

Interlaboratory agreement

Calibration; Immunochemical protein assay; External quality assessment; Reference material (Bullock, D.G. (187) 21)

Intestinal permeability

Lactulose; Lactose; Automated enzyme assay (Northrop, C.A. (187) 79)

Intravenous immunoglobulins

Kawasaki disease; Lipoperoxides; Malonyldialdehyde; Organic hydroperoxide; Zinc (Lebranchu, Y. (187) 193)

Iodide content

Human thyroid; Manganese content; Thyroid cancer; Neutron activation analysis (Nishida, M. (187) 181)

Isoelectric focusing

IgG; Cerebrospinal fluid (Luxton, R.W. (187) 297)

Isozyme

Aldolase; Immunoassay (Okajima, K. (187) 265)

Kawasaki disease

Lipoperoxides; Malonyldialdehyde; Organic hydroperoxide; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

Lactose

Intestinal permeability; Lactulose; Automated enzyme assay (Northrop, C.A. (187) 79)

Lactulose

Intestinal permeability; Lactose; Automated enzyme assay (Northrop, C.A. (187) 79)

Lipase

Acute pancreatitis; Amylase; Trypsinogen; Elastase (Gwozdz, G.P. (187) 243)

Lipoperoxides

Kawasaki disease; Malonyldialdehyde; Organic hydroperoxide; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

Liver

Carnitine; Acylcarnitine; Urine; Blood; Muscle; Control data (De Sousa, C. (187) 317)

L-pyroglutanyl-L-prolyl-L-valine-p-nitroanilide

Granulocyte elastase; Inflammatory tissue fluid (Tanaka, H. (187) 173)

Lung cancer

Creatinine kinase; Non-M CK; Tumor marker (McGing, P.G. (187) 309)

Lymphocyte electrolytes

Sodium; Potassium; Magnesium; Calcium (Weissberg, N. (187) 281)

Lysosomal storage disease

Human β -mannosidosis; Oligosaccharide; Fibroblast (Van Pelt, J. (187) 55)

Magnesium

Lymphocyte electrolytes; Sodium; Potassium; Calcium (Weissberg, N. (187) 281)

Malonyldialdehyde

Kawasaki disease; Lipoperoxides; Organic hydroperoxide; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

Manganese content

Human thyroid; Iodide content; Thyroid cancer; Neutron activation analysis (Nishida, M. (187) 181)

Methyl malonic acid

Aminocentesis; Amniotic fluid; Prenatal diagnosis; Propionic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Microalbuminuria

Dye binding method with bromphenol blue; Reference interval; Interfering factor (Jung, K. (187) 163)

Microassay

Glycogen; Erythrocyte (Farquharson, J. (187) 89)

Microheterogeneity

α 1-Acid glycoprotein; Affino-immunoelectrophoresis; Pregnant women; Estrogen-progestogen treatment (Succari, M. (187) 235)

Monoclonal antibody

Human prostatic secretory protein; Two-site bi-

nding enzyme immunoassay; Human serum; Follicular fluid; Seminal plasma (Von der Kammer, H. (187) 207)

Morquio disease type A

Galactose-6-sulphate sulphotase; Galactosamine-6-sulphate sulphotase; Mucopolysaccharidosis IV A (Van Diggelen, O.P. (187) 131)

Mucopolysaccharidosis IV A

Galactose-6-sulphate sulphotase; Galactosamine-6-sulphate sulphotase; Morquio disease type A (Van Diggelen, O.P. (187) 131)

Muscle

Carnitine; Acylcarnitine; Urine; Blood; Liver; Control data (De Sousa, C. (187) 317)

Myasthenia gravis

Skeletal muscle antibody; Thymoma; Acetylcholine receptor antibody (Ohta, M. (187) 255)

Neopterin

Serum; Urine; HIV-1 (Fuchs, D. (187) 125)

Neurological disorder

Neuron-specific enolase; Enzyme linked immunosorbent assay; Cerebrospinal fluid (Vermuyten, K. (187) 69)

Neuron-specific enolase

Enzyme linked immunosorbent assay; Cerebrospinal fluid; Neurological disorder (Vermuyten, K. (187) 69)

Neutron activation analysis

Human thyroid; Manganese content; Iodide content; Thyroid cancer (Nishida, M. (187) 181)

Nicotinamide metabolism

Xanthine oxidase deficiency; Aldehyde oxidase deficiency; Allopurinol metabolism; Sulfite oxidase (Reiter, S. (187) 221)

Non-M CK

Creatinine kinase; Tumor marker; Lung cancer (McGing, P.G. (187) 309)

Oligosaccharide

Human β -mannosidosis; Lysosomal storage disease; Fibroblast (Van Pelt, J. (187) 55)

Organic hydroperoxide

Kawasaki disease; Lipoperoxides; Malonyldial-

dehyde; Zinc; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

Paracetamol

Acetaminophen; Automated; Enzymatic (Morris, H.C. (187) 95)

Platelet

Dopamine uptake (Dean, B. (187) 37)

Porphyria

Sex hormone-binding globulin; Haem (Herrick, A.L. (187) 141)

Potassium

Lymphocyte electrolytes; Sodium; Magnesium; Calcium (Weissberg, N. (187) 281)

Potassium (^{86}Rb)-influx

Captopril; Cellular proliferation (Bauer, H. (187) 47)

Pregnancy

Serum; Fucosidase; Childhood (Vaysse, J. (187) 273)

Pregnant women

α 1-Acid glycoprotein; Microheterogeneity; Affino-immunoelectrophoresis; Estrogen-progesterone treatment (Succari, M. (187) 235)

Prenatal diagnosis

Aminocentesis; Amniotic fluid; Methyl malonic acid; Propionic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Prolidase I

Prolidase II; Erythrocyte (Ohhashi, T. (187) 1)

Prolidase II

Prolidase I; Erythrocyte (Ohhashi, T. (187) 1)

Propionic acid

Aminocentesis; Amniotic fluid; Prenatal diagnosis; Methyl malonic acid; Amino acid metabolism; Inborn error (Coude, M. (187) 329)

Red blood cell

Creatine; Reticulocyte (Buysse, A.M. (187) 155)

Reference interval

Dye binding method with bromphenol blue; Microalbuminuria; Interfering factor (Jung, K. (187) 163)

Reference material

Calibration; Immunochemical protein assay; External quality assessment; Interlaboratory agreement (Bullock, D.G. (187) 21)

Reticulocyte

Creatine; Red blood cell (Buysse, A.M. (187) 155)

Seminal plasma

Human prostatic secretory protein; Monoclonal antibody; Two-site binding enzyme immunoassay; Human serum; Follicular fluid (Von der Kammer, H. (187) 207)

Serum

Neopterin; Urine; HIV-1 (Fuchs, D. (187) 125)

Fucosidase; Childhood; Pregnancy (Vaysse, J. (187) 273)

Sex hormone-binding globulin

Porphyria; Haem (Herrick, A.L. (187) 141)

Skeletal muscle antibody

Myasthenia gravis; Thymoma; Acetylcholine receptor antibody (Ohta, M. (187) 255)

Sodium

Lymphocyte electrolytes; Potassium; Magnesium; Calcium (Weissberg, N. (187) 281)

Sulfite oxidase

Xanthine oxidase deficiency; Aldehyde oxidase deficiency; Allopurinol metabolism; Nicotinamide metabolism (Reiter, S. (187) 221)

Superoxide dismutase

Immunoassay; Down syndrome (Kurobe, N. (187) 11)

Thymoma

Skeletal muscle antibody; *Myasthenia gravis*; Acetylcholine receptor antibody (Ohta, M. (187) 255)

Thyroid cancer

Human thyroid; Manganese content; Iodide content; Neutron activation analysis (Nishida, M. (187) 181)

Trypsinogen

Acute pancreatitis; Amylase; Lipase; Elastase (Gwozdz, G.P. (187) 243)

Tumor antigen

Defined standard; Carbohydrate antigen; Immunoassay; CA 19-9; CA-50 (Masson, P. (187) 199)

Tumor marker

Creatinine kinase; Non-M CK; Lung cancer (McGing, P.G. (187) 309)

Two-site binding enzyme immunoassay

Human prostatic secretory protein; Monoclonal antibody; Human serum; Follicular fluid; Seminal plasma (Von der Kammer, H. (187) 207)

Urinary dilution

Creatinine adjustment; Cotinine (Thompson, S.G. (187) 289)

Urine

Neopterin; Serum; HIV-1 (Fuchs, D. (187) 125)

Carnitine; Acylcarnitine; Blood; Liver; Muscle; Control data (De Sousa, C. (187) 317)

Xanthine oxidase deficiency

Aldehyde oxidase deficiency; Allopurinol metabolism; Nicotinamide metabolism; Sulfite oxidase (Reiter, S. (187) 221)

Zinc

Kawasaki disease; Lipoperoxides; Malonyldialdehyde; Organic hydroperoxide; Intravenous immunoglobulins (Lebranchu, Y. (187) 193)

